

United States Department of Commerce National Institute of Standards and Technology

~ Certificate of Measurement Traceability ~
for

Maine

a participant in the NIST Weights and Measures
Measurement Assurance Program for the Year(s)

2006-2007

The State standards are traceable to NIST and the laboratory
has demonstrated* measurement proficiency through training
and interlaboratory comparisons.



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for the National Institute of Standards and Technology

Laboratory Metrology Group Leader, Weights and Measures Division
Title

February 27, 2006
Effective Date



*Demonstrated

Areas of Proficiency

Mass

Echelon I

30 kg - 1 mg

Echelon II

30 kg - 1 mg

1000 lb - 1 μ lb

4 oz - 0.03125 oz

Echelon III

30 kg - 1 mg

1000 lb - 0.001 lb

4 oz - 0.03125 oz

Volume

Gravimetric

125 gal - 0.5 pt

Volume transfer

1500 gal - 5 gal

Length

Steel tapes

100 ft

Rigid rules

18 in - 1 in

Frequency

Tuning forks

Time

Stopwatches

> 3 hrs